CONSOLE MIXER

Professional Audio ®

SERVICE MANUAL

VX-2442

VX-3242

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* Due to constant improvements, specifications and design are subject change without notice.

General Specification VX-2442/VX-3242

VX-2442

MODEL	VX2442
Inputs	total 34
Mono Mic/Line	16
Stereo Line	4
Tape	2 RCA
Aux Returns	4 Stereo
Talkback	1C-mic
Outputs	
Channel Direct	8
Main L/R Stereo	TRS¼" & XLR
Main Mono	XLR
Aux Sends	4 TRS¼"
Monitor	-
Tape L/R Stereo	RCA
Sub Master Output Phone	4TRS¼"
Control Room L/R	1TRS¼"
Channel strips	
Aux Controls	4
Constant Pan Control	Yes
Channel Mute	Yes
Channel Solo with Metering	Yes
LED Indicator	SPI, Peak
Bus Assign Switch	Solo,1-2, 3-4, L-R
Volume Control	60mm Faders
Master Section	
Aux Send Control	4
Master Aux Send Solo	4
Stereo Aux Returns	4
Global Aux Return Solo	Yes
Aux Return Assign To Sub	Yes
Aux Return To Monitor	Yes
Global AFL/PFL Solo Mode	Yes
Phones/Control Room Level	Yes
Faders	4Bus, Main L/R
Built in Power Supply	Yes
BNC Lamp Socket	Yes
Frequency Response	
20Hz to 60kHz	+0/-1dB
20Hz to 100kHz	+0/-3dB
THD	0.005%
Noise	
Master Fader @Unity, CH. Gain Down	-89dBu
Master Fader @Unity, CH. Gain @Unity	-86dBu
Signal to Noise Ratio(ref+4)	≥90dB
Crosstalk	
Channel Fader Down, Channel at Unity	-85dB
Channel Muted, Channel at Unity	-84dB
Maximum Levels	
Mic Preamp Input	+14dBu
All Other Inputs	+22dBu
Balanced Main Outputs	+28dBu
All Other Outputs	+22dBu
Impedances	
Mic Preamp Input	1.3kΩ
All Other Inputs (except inserts)	>10kΩ
RCA Tape Output	1.1kΩ
All Other Outputs	120Ω
Equalization	3-band, sweep mid
Low EQ	80Hz
Mid EQ	sweep 100Hz-8kHz
High EQ	12kHz
Low Cut Filter	18dB/oct 75Hz
MIC preamp EIN	-133dB
Power Requirements	50watts
Weight	11kg(24.2 lbs)
Dimension (WxHxD)	
mm	695×95×400
Inch	27.36×3.74×15.75

NOTES: (1) Sensitivity is the lowest level that will produce a full power output, or the nominal output level when the unit is set to maximum gain.
(2) XLR connectors are balanced. Phone jacks are unbalanced.
(3) Specifications subject to change without notice.

General Specification VX-2442/VX-3242

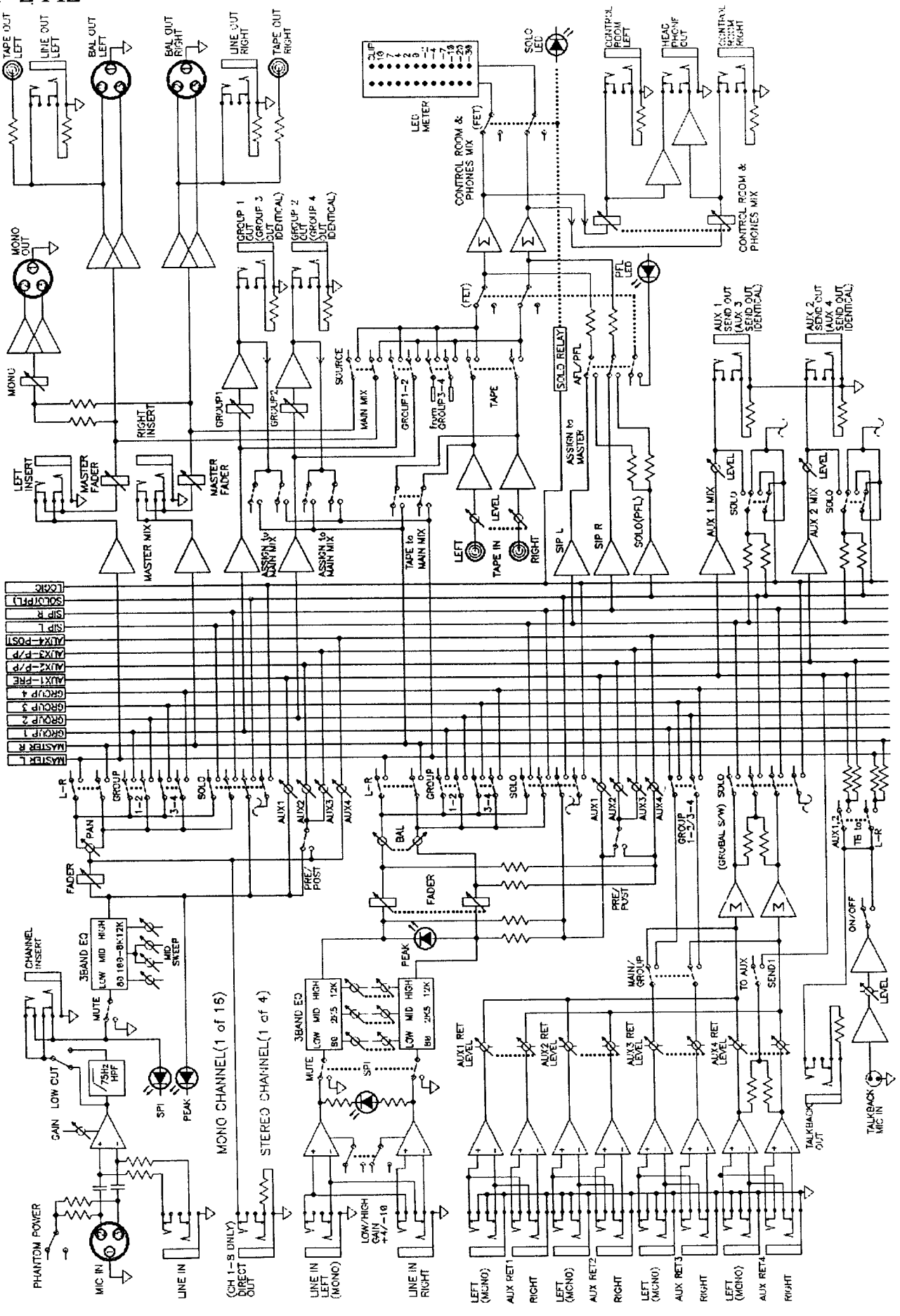
VX-3242

MODEL	VX3242
Inputs	total 42
Mono Mic/Line	24
Stereo Line	4
Tape	2 RCA
Aux Returns	4 Stereo
Talkback	1C-mic
Outputs	
Channel Direct	16
Main L/R Stereo	TRS¼" & XLR
Main Mono	XLR
Aux Sends	4 TRS¼"
Monitor	-
Tape L/R Stereo	RCA
Sub Master Output Phone	4TRS¼"
Control Room L/R	1TRS¼"
Channel strips	
Aux Controls	4
Constant Pan Control	Yes
Channel Mute	Yes
Channel Solo with Metering	Yes
LED Indicator	SGI, Peak
Bus Assign Switch	Solo,1-2, 3-4, L-R
Volume Control	100mm Faders
Master Section	
Aux Send Control	4
Master Aux Send Solo	4
Stereo Aux Returns	4
Global Aux Return Solo	Yes
Aux Return Assign To Sub	Yes
Aux Return To Monitor	Yes
Global AFL/PFL Solo Mode	Yes
Phones/Control Room Level	Yes
Faders	4Bus, Main L/R
Built in Power Supply	Yes
BNC Lamp Socket	Yes
Frequency Response	
20㎐ to 60㎑	+0/-1dB
20㎐ to 100㎑	+0/-3dB
THD	0.005%
Noise	
Master Fader @Unity, AH. Gain Down	-89dBu
Master Fader @Unity, AH. Gain @Unity	-86dBu
Signal to Noise Ratio(ref+4)	≥90dB
Crosstalk	
Channel Fader Down, Channel at Unity	-85dB
Channel Muted, Channel at Unity	-84dB
Maximum Levels	
Mic Preamp Input	+14dBu
All Other Inputs	+22dBu
Balanced Main Outputs	+28dBu
All Other Outputs	+22dBu
Impedances	
Mic Preamp Input	1.3kΩ
All Other Inputs (except inserts)	>10kΩ
RCA Tape Output	1.1kΩ
All Other Outputs	120Ω
Equalization	3-band, sweep mid
Low EQ	80㎐
Mid EQ	sweep 100㎐-8㎑
High EQ	12㎑
Low Cut Filter	18dB/oct 75㎐
MIC preamp EIN	-133dB
Power Requirements	58watts
Weight	15㎏(33 lbs)
Dimension (W×H×D)	
mm	958×95×450
Inch	37.72×3.74×17.72

NOTES: (1) Sensitivity is the lowest level that will produce a full power output, or the nominal output level when the unit is set to maximum gain.
(2) XLR connectors are balanced. Phone jacks are unbalanced.
(3) Specifications subject to change without notice.

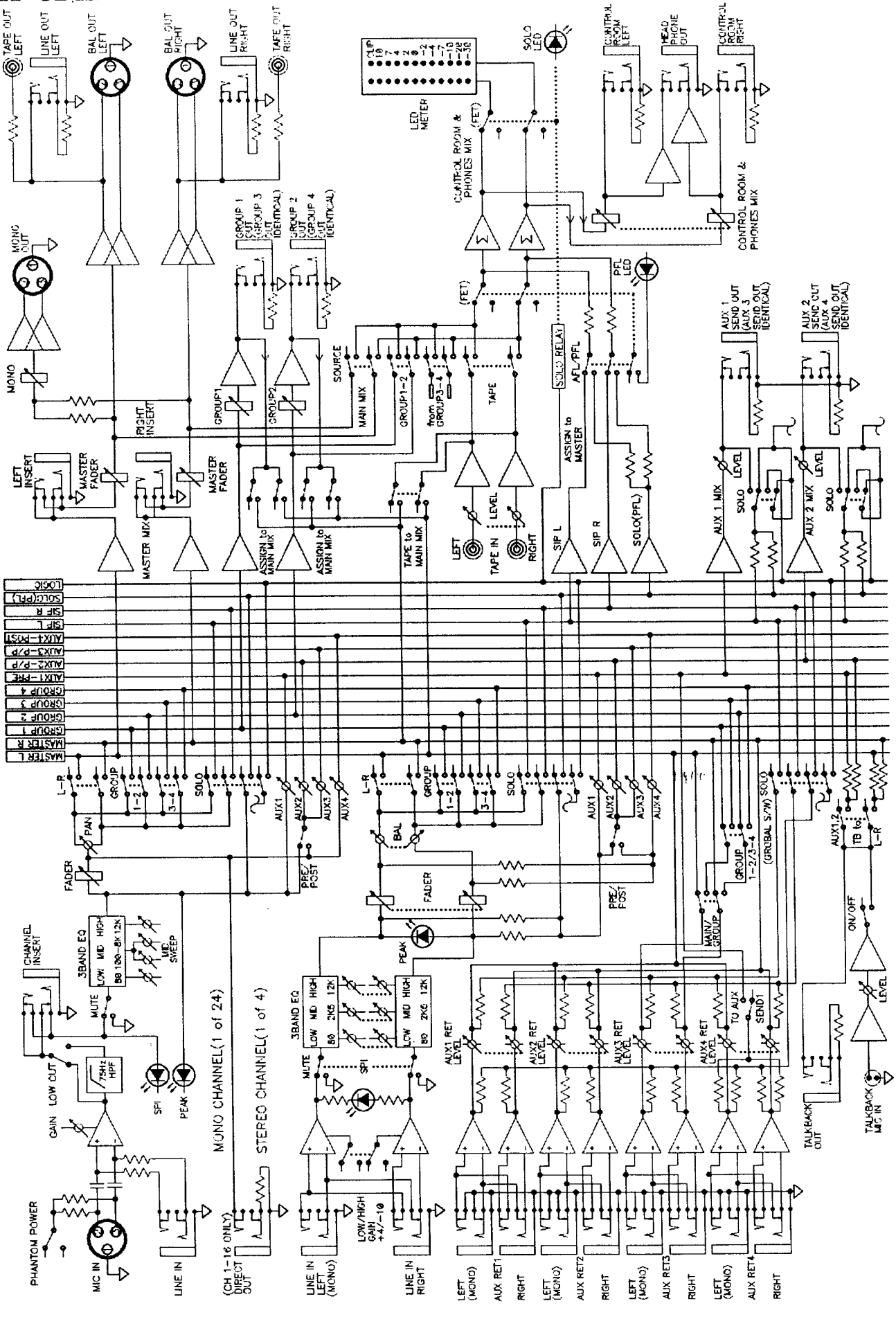
Block Diagram VX-2442/VX-3242

VX-2442



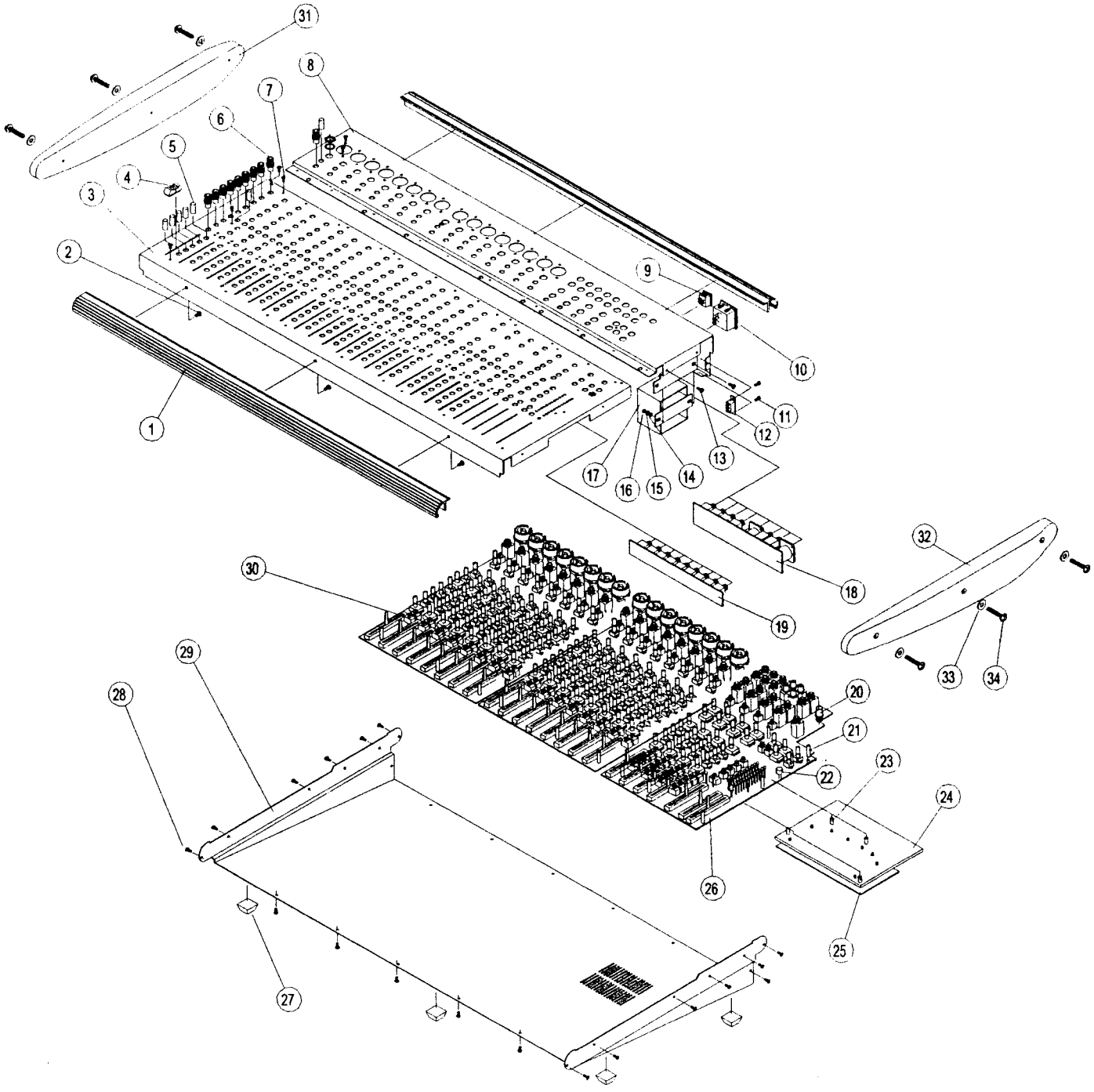
Block Diagram VX-2442/VX-3242

VX-3242



Exploded View

VX-2442/VX-3242

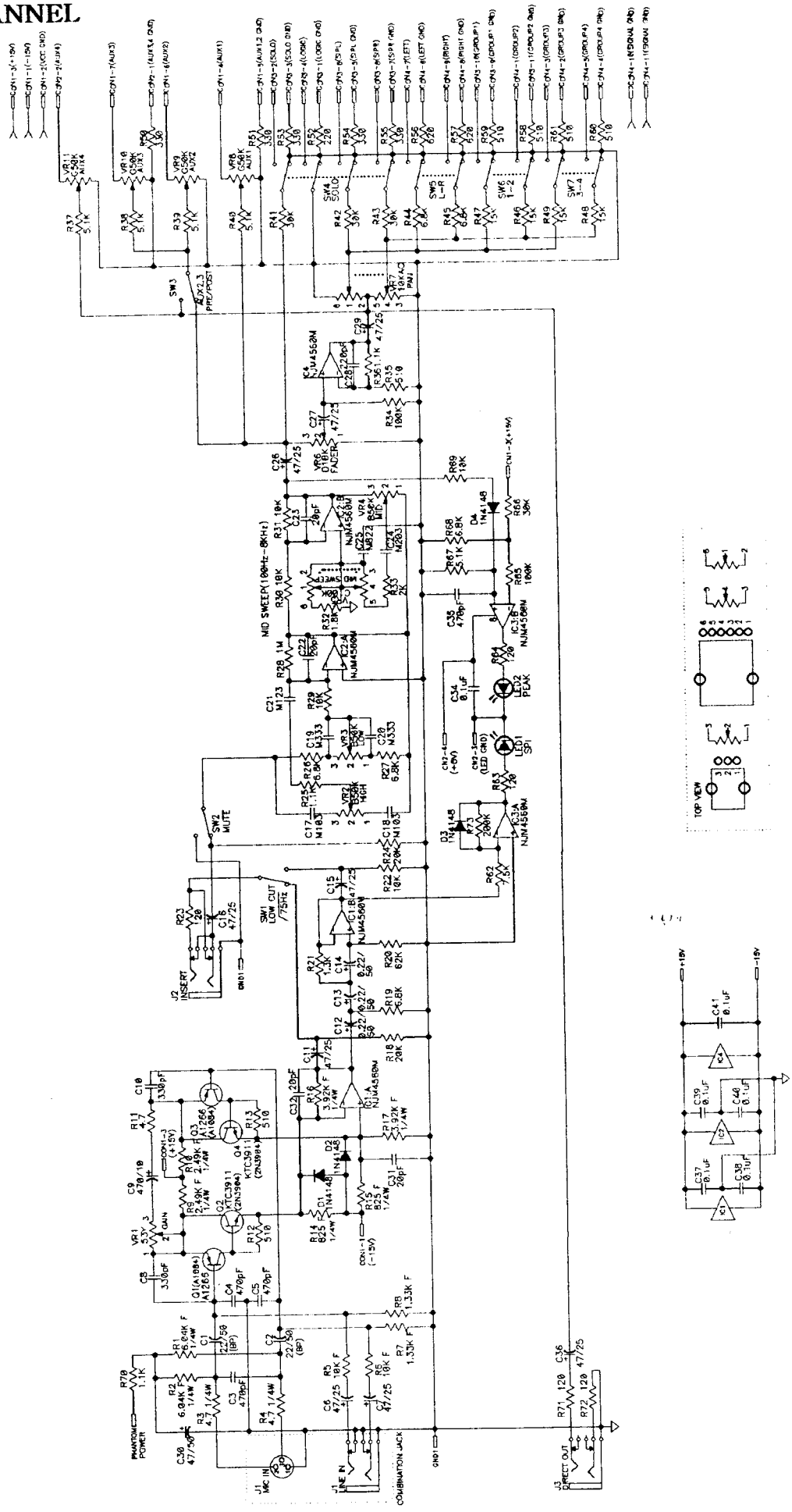


Assembly Parts VX-2442/VX-3242

N0	DESCRIPTION	CODE NO	METRIAL	SPECIFICATION	Q'TY	REMARK
1	DECORATION ARM	389-00035	AL(6063)	693X27X20.35	2	
		389-00035	AL(6063)	913X27X20.35	1	
2	TAP TITE SCREW	362-00200		BH(+) 4X8 T3	6	
3	MAIN CHASSIS(A)	375-00385	E.G.I	690x245.5x32 t=1.0	1	
		375-00386	E.G.I	910x295.5x32 t=1.0	1	
4	SLIDE KNOB	002-00010	ABS	14X10X11(P772FO)	25	
5	PUSH KNOB	361-00220	ABS	DIA7.5X14(BLACK)	52	
		361-00221		DIA7.5X14(GRAY)	113	
6	ROUND KNOB	361-00270	ABS	DIA9.5X23	204	
7	MACHINE SCREW	362-00002		PH(+)M3X6	66	
8	MAIN CHASSIS(B)	375-00395	E.G.I	690x123.5x91 t=1.0	1	
		375-00396	E.G.I	910x123.5x91 t=1.0	1	
9	POWER S/W	316-00007		JRC2101	1	
10	AC INLET	303-00010		0717-1-PS	1	
11	MACHINE SCREW	362-00120		BH(+)M2X8	2	
12	SLIDE S/W	316-00010		JSS2202 B050	1	
13	MACHINE SCREW	362-00015		FH(+)M4X12	2	
14	PLAIN WASHER	362-00039		DIA4	3	
15	SPRING WASHER	362-00049		DIA4	2	
16	NUT	362-00052		M4	2	
17	TRANS			PT2442 TRANS	1	
18	JACK PCB ASSY	315-00130	FR-4	217X330X1.6t	1	
19	DIRECT PCB ASSY	315-00150	FR-4	217X26X1.6t	1	
20	JACK BNC	390-00010		UG-1094/U(D/C)	1	
21	SUPPORT PCB	340-00020	BRASS	DIA5X18	27	
22	MIC	391-00010		CMP-764	1	
23	SUPPORT PCB	340-00001	BRASS	DIA5X10	4	
24	HEAT SINK T.R	389-00036	AL(6063)	163X120X4t	1	
25	POWER PCB ASSY	315-00140	FR-4	141X58X1.6t	1	
26	MASTER PCB ASSY	315-00120		MX1216	1	
27	RUBBER FOOT	388-00010	RUBBER	20X20X7 (BLACK)	6	
28	TAPPING SCREW	362-00145		TH(+) 3X10 T2	4	
29	BOTTOM CHASSIS	375-00410	E.G.I	690X445X95 t=1.2	1	
		375-00412	E.G.I	913X445X95 t=1.2	1	
30	CHANNEL PCB ASSY	315-00110	FR-4	217X330X1.6t	2	
31	SIDE BOARD(L)	389-00066	MDF	399X51X24	1	
32	SIDE BOARD(L)	389-00068	MDF	399X51X24	1	
33	PLAIN WASHER	362-00040		DIA 4 (ZnW)	6	
34	TAPPING SCREW	362-00221		TH(+)4X25 T2	6	
35	CARTON BOX	363-00670	DW-4	780X465X180	1	
36	PACKING COVER(L,R)	363-00585	DW-1	455X160X60	1	
37	PACKING COVER(C)	363-00586	DW-1	455X160X48	1	

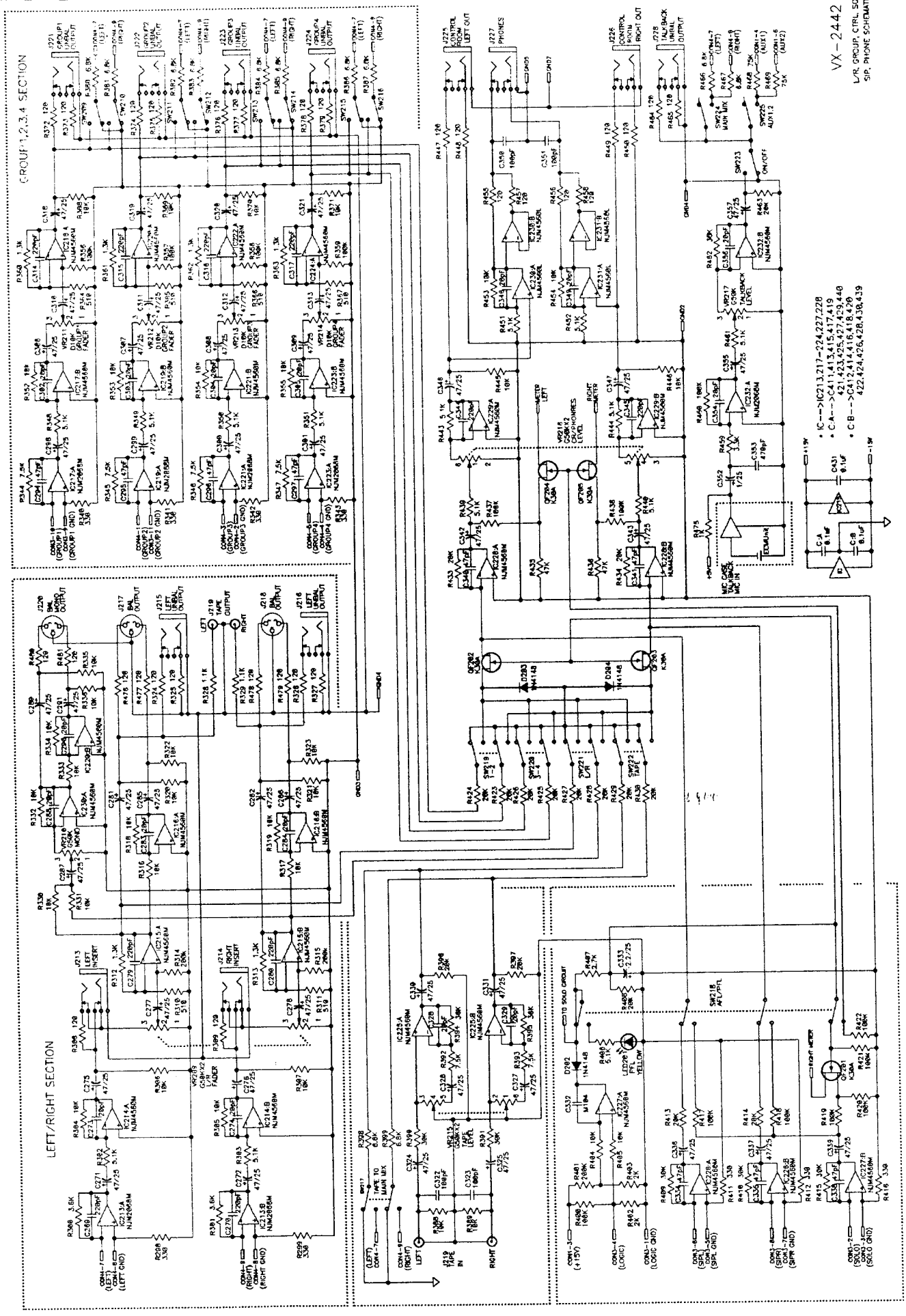
Schematic Diagram VX-2442/VX-3242

MONO CHANNEL



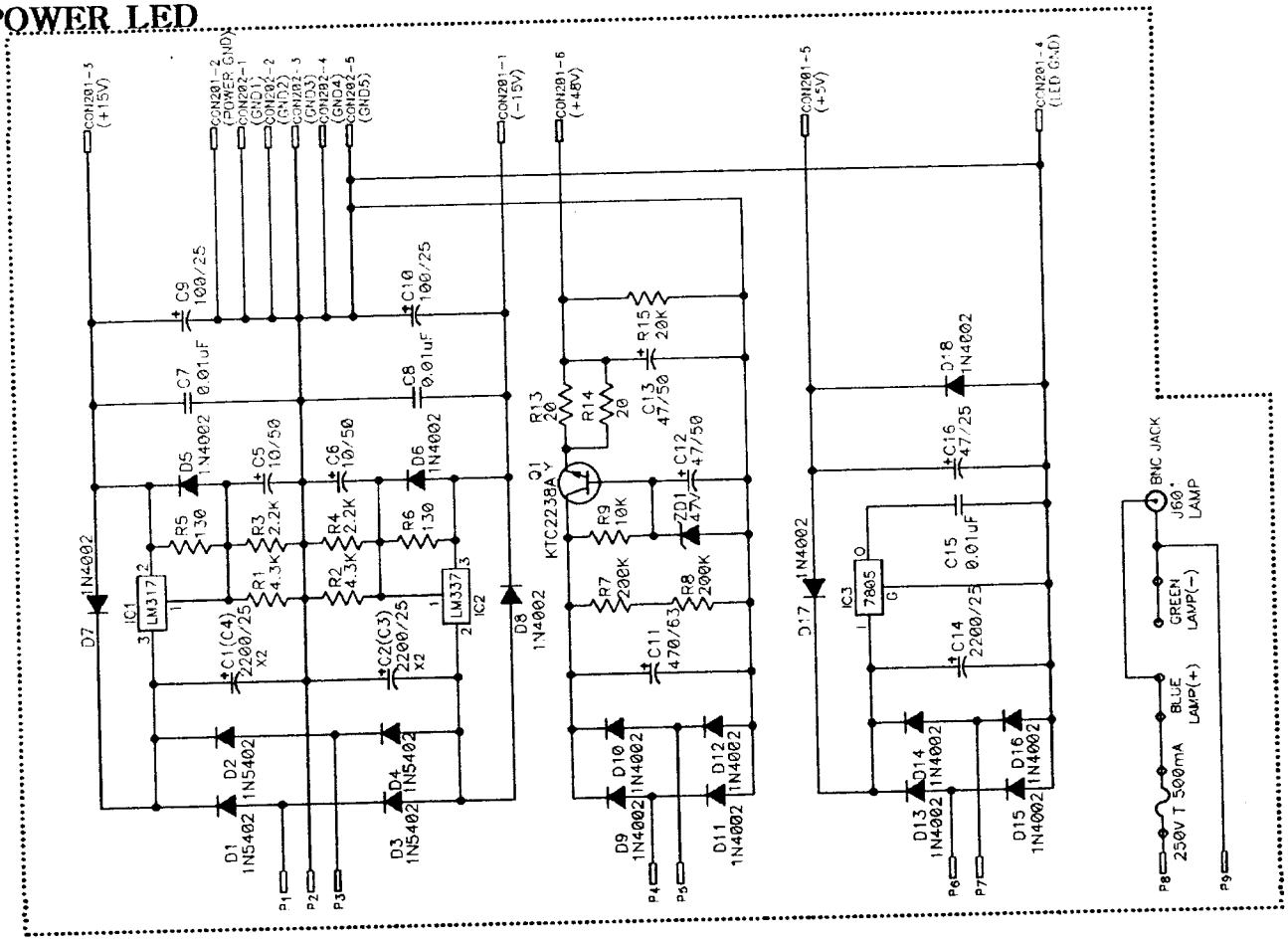
Schematic Diagram VX-2442/VX-3242

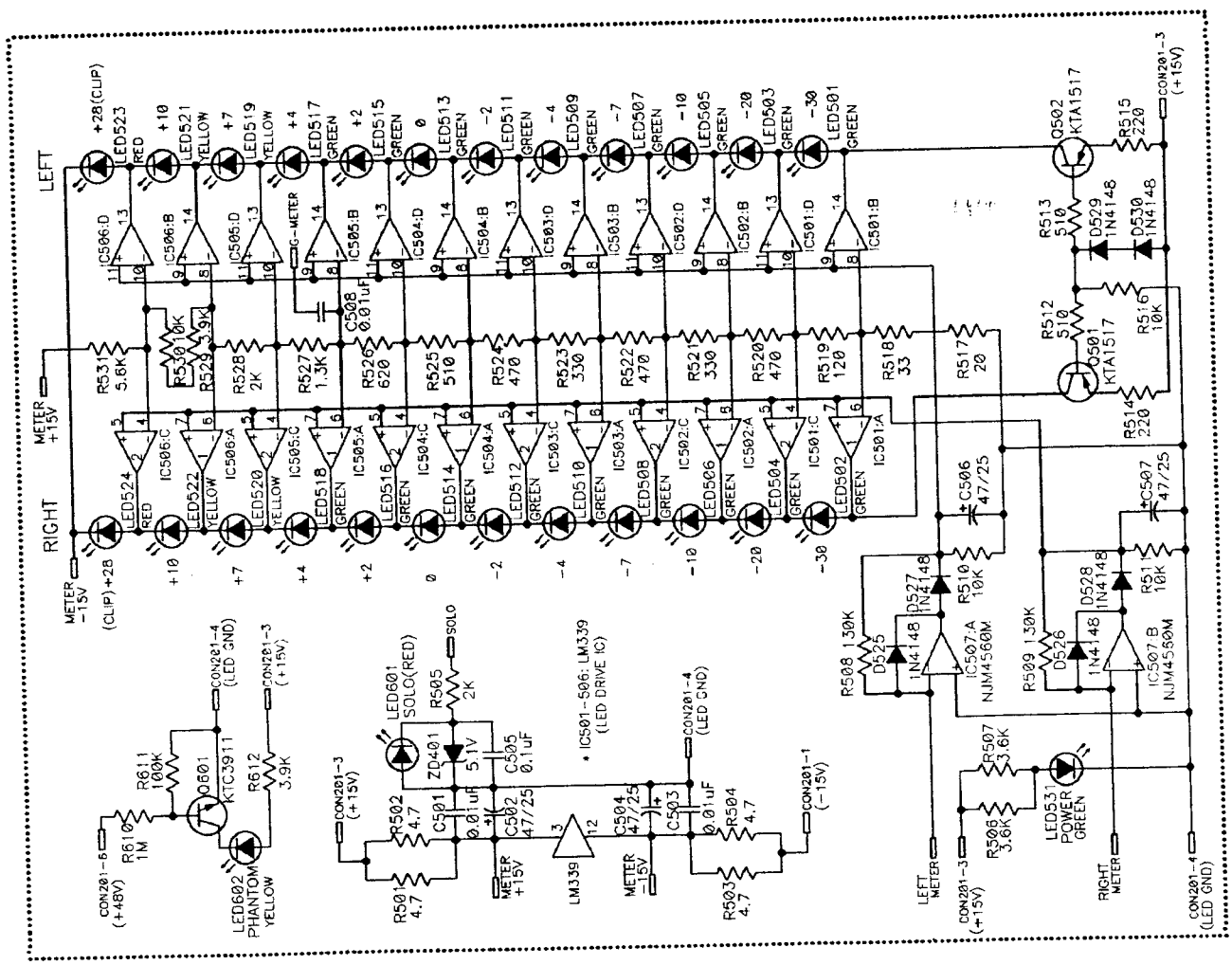
MASTER



Schematic Diagram VX-2442/VX-3242

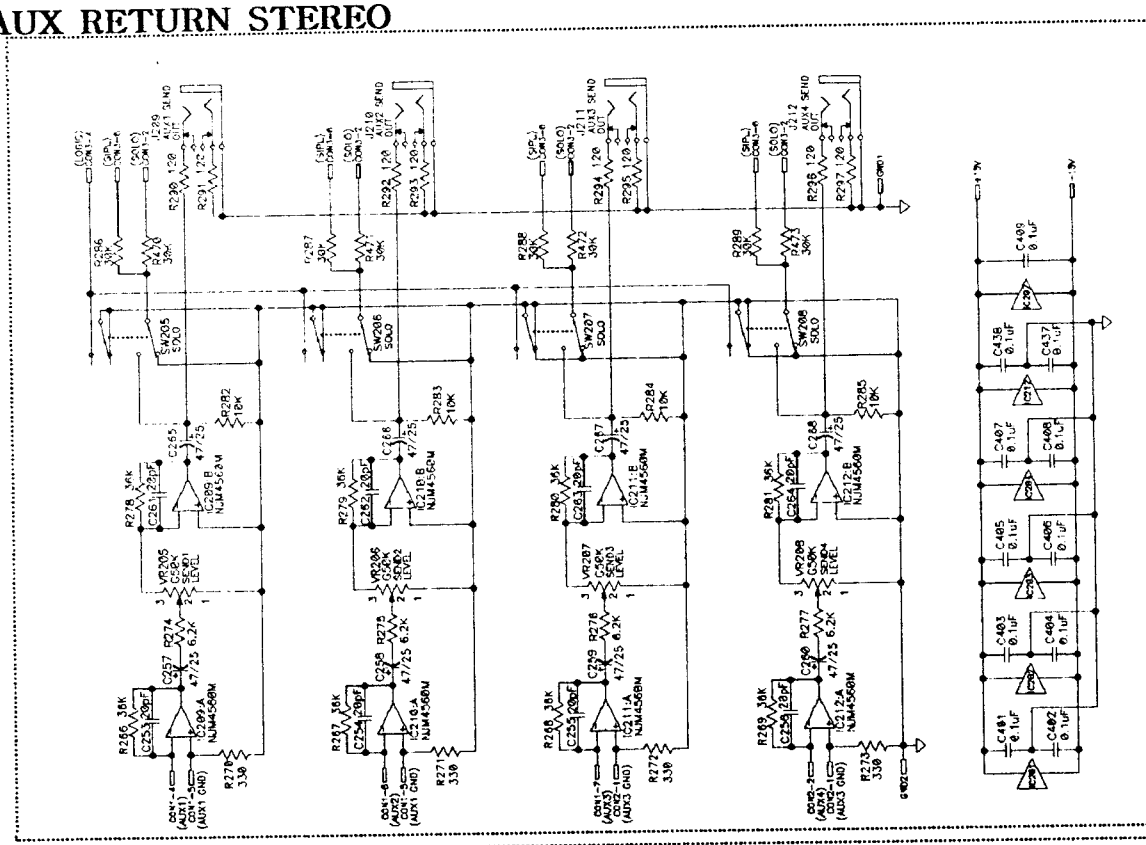
POWER LED

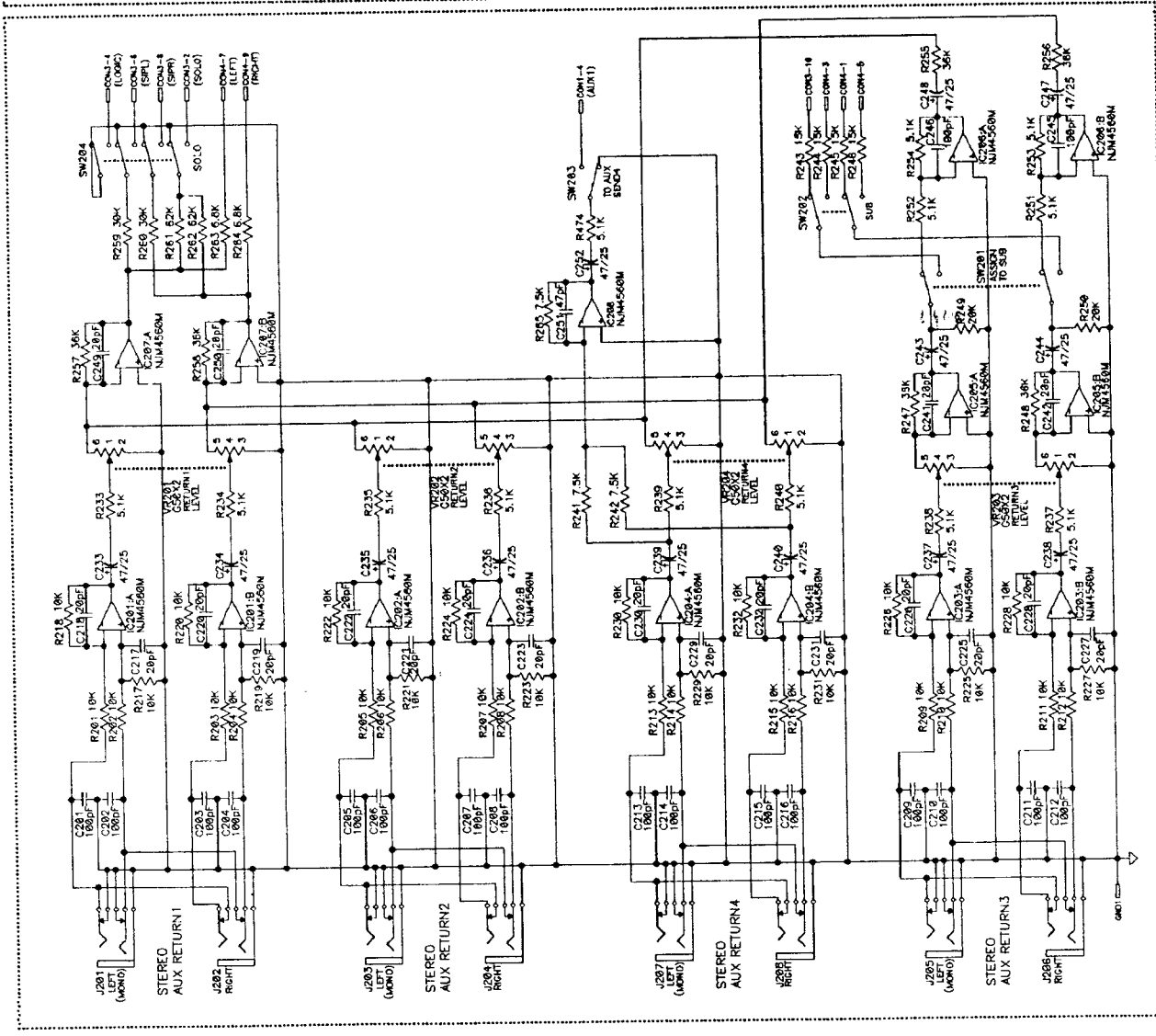




Schematic Diagram VX-2442/VX-3242

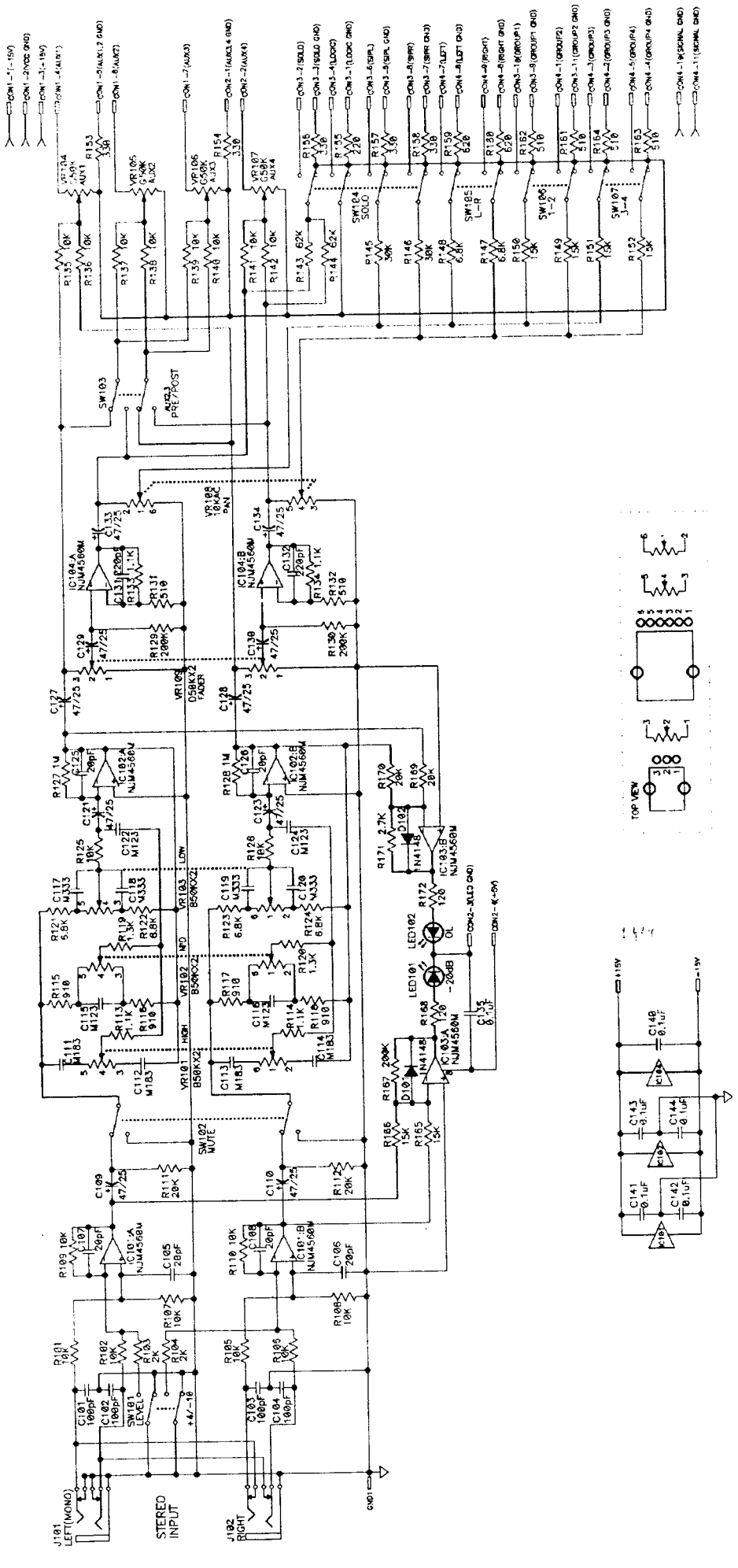
AUX RETURN STEREO





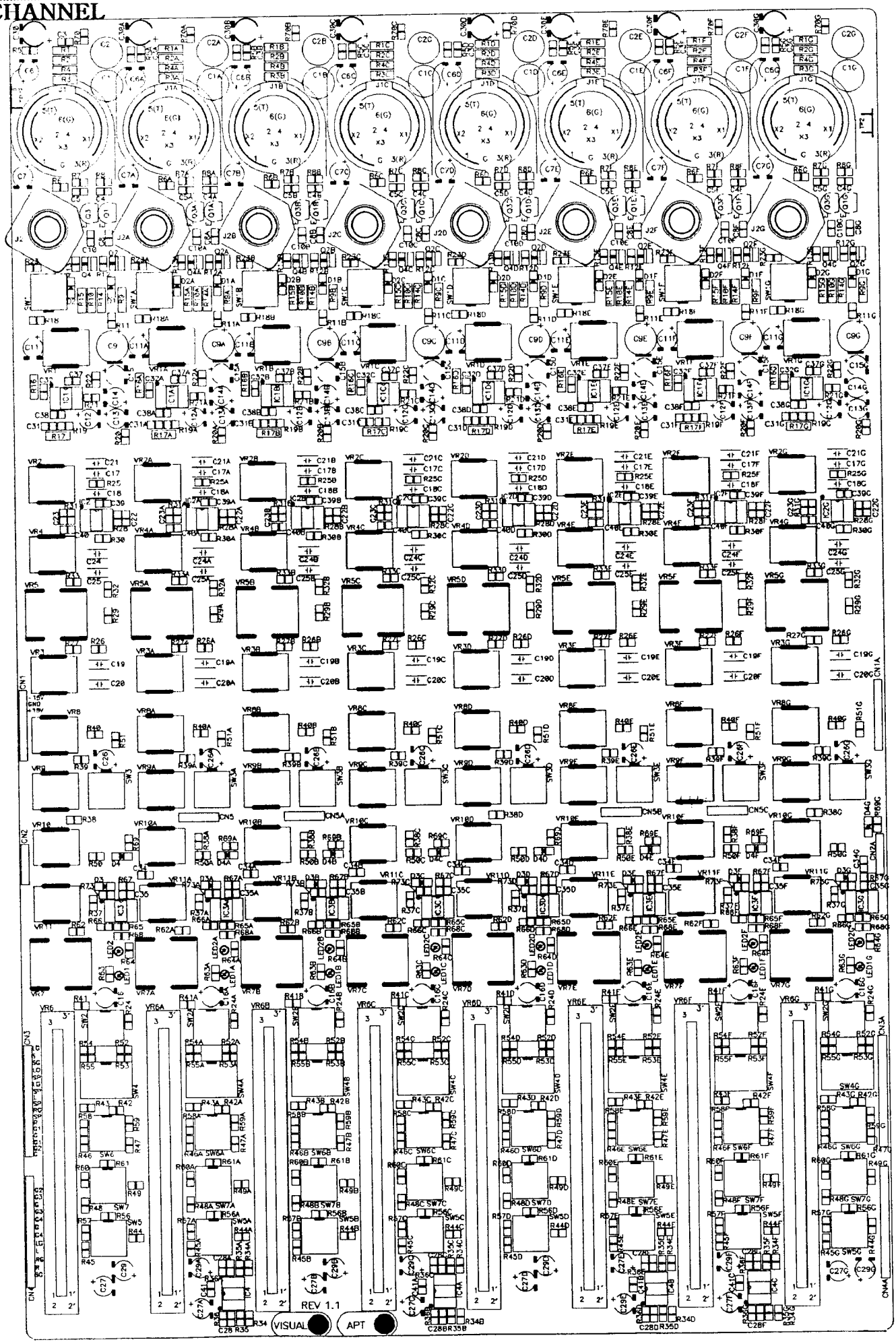
Schematic Diagram VX-2442/VX-3242

STEREO

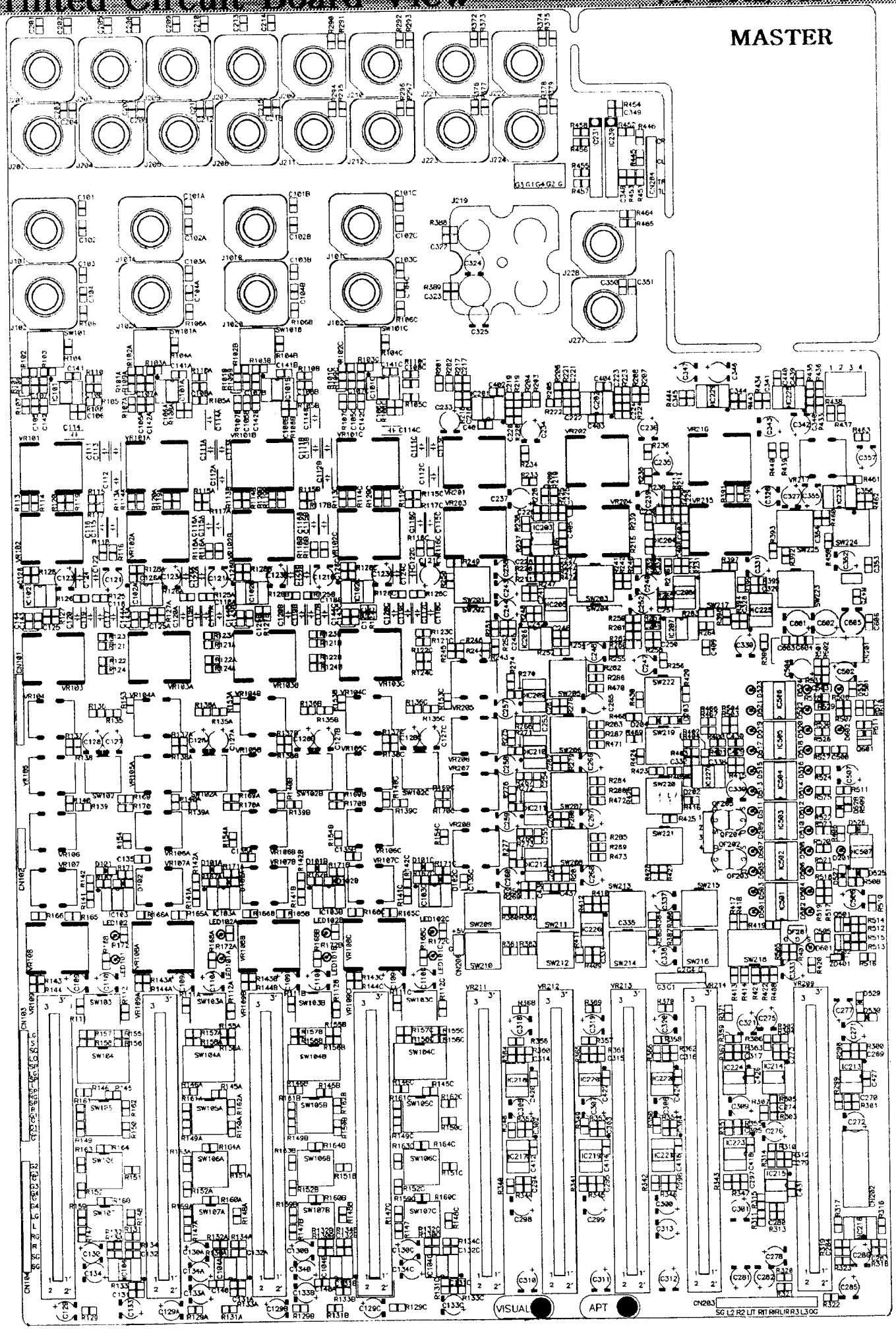


Printed Circuit Board View VX-2442/VX-3242

CHANNEL

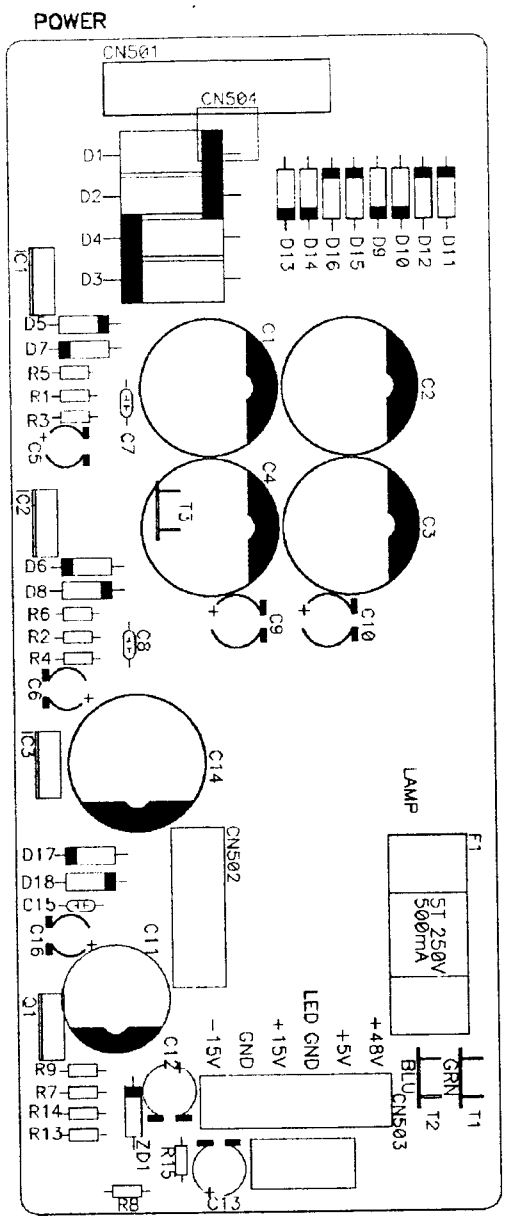


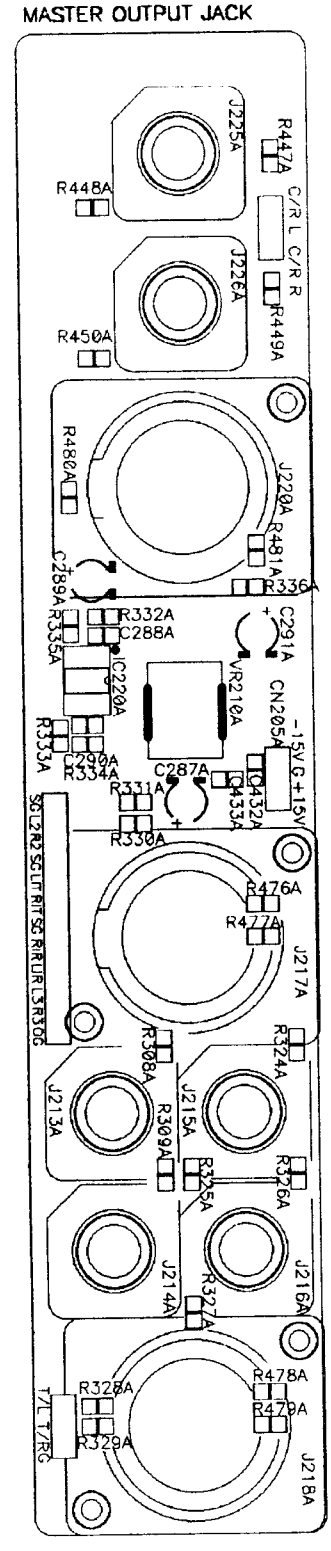
Printed Circuit Board View — VX-242/VX-3242

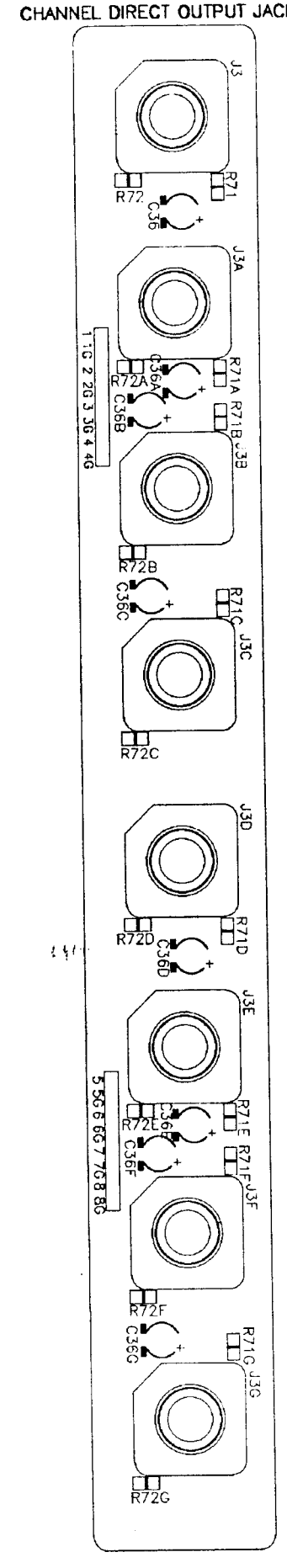


Printed Circuit Board View VX-2442/VX-3242

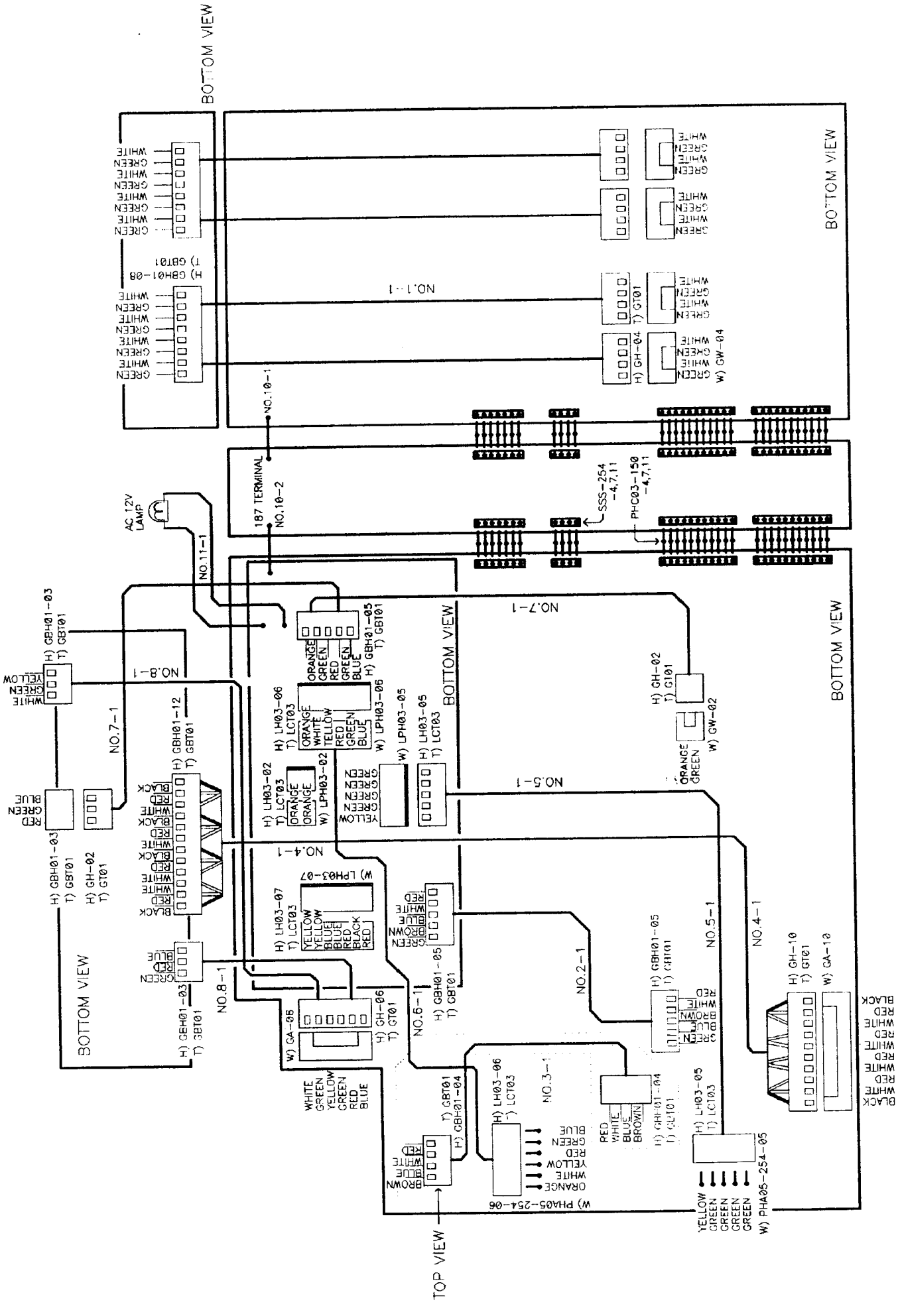
CHANNEL JACK, MASTER JACK & POWER







Wiring Diagram VX-2442/VX-3242



Replacement Parts List

ATTENTION

1. To be sure you receive the proper parts, be sure to list Part No., Model No. and the description of each part. When placing parts orders.
2. Please double-check the Part No. when ordering.
3. Every effort has been made to ensure that the Parts List supplied with your unit corresponds to your unit. When ordering please refer to this list, since previous or subsequent lists may differ.

HOW TO USE THIS PARTS LIST

1. This Parts List those parts which are considered necessary for repairs.
2. The Recommended Spare Parts List shows those parts in the Parts List which are considered particularly important for service.
3. How to read the Parts List

   Numbering system of resistor.

346	00001
Part (Resistor)	Serial Number

   - The unit of resistance is Ω(Ohm)
     K=1000Ω M=1000 kΩ
   - The unit of capacitance is μF(microfarad)
     $P=10^{-6}\mu F$
4. When Part No. is known, Parts Index at end of Parts List can be used to locate where that part is shown in Parts List by its Reference No. listed at right of Part No.

WARNING

⚠(*) Indicates safety critical components for continued safety, replace safety critical components only with manufacture's recommended parts.

VX-2442/VX-3242

Reference Designator	Ordering Number	Name and Description	
MONO CHANNEL	31500110	P.C.B	217*330*1.6T FR-4
IC1-1G,2-2G,3-3G,4-4C	00100020	I.C (SMD)	NJM4560M SOP8
Q1-1G,3-3G	33400014	TR.PNP	2SA1084(KTA1266)
Q2-2G,4-4G	02100020	TR.NPN (SMD)	2N3904(KTC3911)SOT23/ BL
D1-1G,2-2G,3-3G,4-4G	05900010	DIODE.SW(SMD)	1N 4148
LED1-1G	33400019	L.E.D	YLG-304D
LED2-2G	33400018	L.E.D	YLR-304D
VR1-1G	00400030	VR.ROTARY	EVU-J92 F3053Y(5KZY)
VR2-2G,3-3G,4-4G	00400020	VR.ROTARY	EVU-F3A F25B54(B50K C/C)
VR8-8G,9-9G,10-10G,11-11G	00400010	VR.ROTARY	EVU-F3A F25G54(G50K C/C)
VR5-5G	00400100	VR.ROTARY	EVJ Y80 F25 C15(C100X2)
VR7-7G	00400130	VR.ROTARY	EVJ YE1 F25 651(A10K/C10K C/C)
VR6-6G	00400040	VR.SLIDE	EWA Q10 C20 D14
SW4-4G	02200020	SW.PUSH	JPS 4281A (4C2P)
SW2-2G,3-3G,5-5G,6-6G,7-7G	02200010	SW.PUSH	JPS 2281EA (2C2P)
SW1-1G	38000001	SW.PUSH	JPVB-2202S-C1(2C2P)
J1-1G	02300030	JACK.COMBINATION	CXLF-06
J2-2G	32500007	JACK.PHONE	VPJ-06
R11-11G	34350010	RES. CF(SMD)	4.7 OHM 1/10W J(2012)
R23-23G,63-63G,64-64G	34350020	RES. CF(SMD)	120 OHM 1/10W J(2012)
R52-52G	34350023	RES. CF(SMD)	220 OHM 1/10W J(2012)
R50-50G,51-51G,53-53G,54-54G,55-55G	34350025	RES. CF(SMD)	330 OHM 1/10W J(2012)
R12-12G,13-13G,35-35G	34350030	RES. CF(SMD)	510 OHM 1/10W J(2012)
58-58G,59-59G,60-60G,61-61G		"	"
R56-56G,57-57G	34350035	RES. CF(SMD)	620 OHM 1/10W J(2012)
R25-25G,36-36G,70-70G	34350050	RES. CF(SMD)	1.1 KOHM 1/10W J(2012)
R21-21G	34350070	RES. CF(SMD)	1.3 KOHM 1/10W J(2012)
R32-32G	34350085	RES. CF(SMD)	1.8 KOHM 1/10W J(2012)
R33-33G	34350090	RES. CF(SMD)	2 KOHM 1/10W J(2012)
R37-37G,38-38G,39-39G,40-40G,67-67G	34350110	RES. CF(SMD)	5.1 KOHM 1/10W J(2012)
R19-19G,26-26G,27-27G	34350120	RES. CF(SMD)	6.8 KOHM 1/10W J(2012)
44-44G,45-45G,68-68G,		"	"
R62-62G	34350125	RES. CF(SMD)	7.5 KOHM 1/10W J(2012)
R22-22G,29-29G,30-30G,31-31G,69-69G	34350130	RES. CF(SMD)	10 KOHM 1/10W J(2012)
R46-46G,47-47G,48-48G,49-49G	34350135	RES. CF(SMD)	15 KOHM 1/10W J(2012)
R18-18G,24-24G	34350140	RES. CF(SMD)	20 KOHM 1/10W J(2012)
R41-41G,42-42G,43-43G,66-66G	34350150	RES. CF(SMD)	30 KOHM 1/10W J(2012)
R20-20G	34350180	RES. CF(SMD)	62 KOHM 1/10W J(2012)
R34-34G,65-65G	34350190	RES. CF(SMD)	100 KOHM 1/10W J(2012)
R73-73G	34350200	RES. CF(SMD)	200 KOHM 1/10W J(2012)
R28-28G	34350210	RES. CF(SMD)	1 MOHM 1/10W J(2012)
R7-7G,8-8G	34350220	RES. CF(SMD)	1.33 KOHM 1/10W F(2012)
R5-5G,6-6G	34350230	RES. CF(SMD)	10 KOHM 1/10W F(2012)
R3-3G,4-4G	34600365	RES. CF	4.7 OHM 1/4W J
R14-14G,15-15G	34600355	RES. MF	825 OHM 1/4W F
R9-9G,10-10G	34600333	RES. MF	2.49 KOHM 1/4W F
R16-16G,17-17G	34600336	RES. MF	3.92 KOHM 1/4W F
R1-1G,2-2G	34600343	RES. MF	6.04 KOHM 1/4W F

VX-2442/VX-3242

Reference Designator	Ordering Number	Name and Description	
C12-12G,13-13G,14-14G	34100048	CAP. ELE	0.22uF 50V
C6-6G,7-7G,11-11G,15-15G	34100067	CAP. ELE	47uF 25V
16-16G,26-26G,27-27G,29-29G		"	"
C30-30G	34100064	CAP. ELE	47uF 50V
C9-9G	34100022	CAP. ELE	470uF 16V
C1-1G,2-2G	34100170	CAP. ELE (B.P)	22uF 50V(BP)
C25-25G	34500018	CAP. MYLAR	M822 100V J
C17-17G,18-18G	34600005	CAP. MYLAR	M103 100V J
C21-21G	34500019	CAP. MYLAR	M123 100V J
C24-24G	34500050	CAP. MYLAR	M203 100V J
C19-19G,20-20G	34500020	CAP. MYLAR	M333 100V J
C22-22G,23-23G,31-31G,32-32G	34360020	CAP. CERAMIC(SMD)	20pF 50V J (2012)
C28-28G	34360037	CAP. CERAMIC(SMD)	220pF 50V J (2012)
C8-8G,10-10G	34360040	CAP. CERAMIC(SMD)	330pF 50V J (2012)
C3-3G,4-4G,5-5G,35-35G	34360100	CAP. CERAMIC(SMD)	470pF 50V J (2012)
C34-34G,37-37G,38-38G	34360050	CAP. CERAMIC(SMD)	0.1uF 50V J(104) (2012)
39-39G,40-40G,41-41C		"	"
MONO CH. DIRECT OUT JACK PCB	31500150	P.C.B	217X26X1.6T FR-4
J3-3G	32500007	JACK. PHONE	VPJ-06
C36-36G	34100067	CAP. ELE(자삽)	47uF 25V
R71-71G,72-72G	34350020	RES. CF(SMD자삽)	120 OHM 1/10W J(2012)
MASTER (Stereo, Group, Aux, Led, L/R)	31500120	P.C.B	217X330X1.6T FR-4
IC101-101C,102-102C,103-103C,	00100020	I.C(SMD)	NJM4560M SOP8
104-104C,201-212,214-229,232,507		"	"
IC213	00100010	I.C(SMD)	NJM2068M SOP8
IC501-506	05100050	I.C(SMD)	LM339 SOP14
IC230,321	00100030	I.C	NJM4560L
Q601	02100020	TR.NPN (SMD)	2N3904(KTC3911) SOT23
Q501,502	02100030	TR.PNP (SMD)	KTA1517 SOT23
QF201-205	33400017	F.E.T N CH	K30A GR
D101-101C,102-102C,202,525-530, 203,204	05900010	DIODE SW(SMD)	1N4148
ZD401	33500006	DIODE (Z)	5.1V 1/2W
LED101-101C,501-518,531	33400019	L.E.D	YLG-304D
LED102-102C,523,524	33400018	L.E.D	YLR-304D
LED201,519-522,602	33400020	L.E.D	YLY-304D
LED601	33400022	L.E.D	YLR-503D
VR104-104C,105-105C,106-106C,	00400010	VR. ROTARY	EVU-F3A-F25 G54(G50K C/C)
107-107C,205-208,217		"	"
VR201-204,215,216	00400120	VR. ROTARY	EVJ-Y81 F25 G54(G50KX2 C/C)
VR101-101C,102-102C,103-103C	00400110	VR. ROTARY	EVJ-Y81 F25 B54(B50KX2 C/C)
VR108-108C	00400130	VR. ROTARY	EVJ YE1 F25 651(A10K/C10K C/C)
VR211-214	00400010	VR. SLIDE	EWA Q10 C20 D14
VR209**(VX-2442 ONLY)**	00400050	VR. SLIDE	EWA Q30 C20 D14
VR109-109C **(VX-2442 ONLY)**	00400060	VR. SLIDE	EWA Q30 C20 D54
VR109-109C,209 **(VX-3242 ONLY)**	00400090	VR. SLIDE	EVB JQK R15 D5 (D50X2)

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Reference Designator	Ordering Number	Name and Description	
SW102-102C,103-103C,105-105C,106-106C,	02200010	SW. PUSH	JPS 2281EA (2C2P)
107-107C,201-203,205-217,219-225		"	"
SW104-104C,204,218	02200020	SW. PUSH	JPS 4281A (4C2P)
SW101-101C	38000001	SW. PUSH	JPVB-2202S-C1 (2C2P)
J101-101C,102-102C, 201-212,	32500007	JACK. PHONE	VPJ-06
221-224,227,228		"	"
J219	32200002	JACK. RCA	JK 0400571N
R501-504	34350010	RES. CF (SMD)	4.7 OHM 1/10W J(2012)
R517	34350013	RES. CF (SMD)	20 OHM 1/10W J (2012)
R518	34350017	RES. CF (SMD)	33 OHM 1/10W J (2012)
R168-168C,172-172C,290-297	34350020	RES. CF (SMD)	120 OHM 1/10W J (2012)
372-379,455-458,464,465,519		"	"
R155-155C,514,515	34350023	RES. CF (SMD)	220 OHM 1/10W J (2012)
R153-153C,154-154C,156-156C	34350025	RES. CF (SMD)	330 OHM 1/10W J (2012)
157-157C,158-158C,270-273,298		"	"
299,340-343,411,412,416,521,523		"	"
R520,522,524	34350027	RES. CF (SMD)	470 OHM 1/10W J (2012)
R131-131C,132-132C,161-161C	34350030	RES. CF (SMD)	510 OHM 1/10W J (2012)
162-162C,163-163C,164-164C		"	"
310,311,356-359,512,513,525		"	"
R159-159C,160-160C,526	34350035	RES. CF (SMD)	620 OHM 1/10W J (2012)
R115-115C,116-116C,117-117C,118-118C	34350040	RES. CF (SMD)	910 OHM 1/10W J (2012)
R475	34350045	RES. CF (SMD)	1 KOHM 1/10W J(2012)
R113-113C,114-114C,133-133C,134-134C	34350050	RES. CF (SMD)	1.1 KOHM 1/10W J(2012)
R119-119C,120-120C,312,313,360-363,527	34350070	RES. CF (SMD)	1.3 KOHM 1/10W J(2012)
R103-103C,104-104C,402,403,505,528	34350090	RES. CF (SMD)	2 KOHM 1/10W J(2012)
R171-171C,407	34350100	RES. CF (SMD)	2.7 KOHM 1/10W J(2012)
R459	34350103	RES. CF (SMD)	3.3 KOHM 1/10W J(2012)
R300,301,506,507	34350104	RES. CF (SMD)	3.6 KOHM 1/10W J(2012)
R612	34350105	RES. CF (SMD)	3.9 KOHM 1/10W J(2012)
R233-240,251-254,302,303,348-351,406	34350110	RES. CF (SMD)	5.1 KOHM 1/10W J(2012)
439,440,443,444,451,452,461,474,529		"	"
R531	34350115	RES. CF (SMD)	5.6 KOHM 1/10W J(2012)
R274-277	34350117	RES. CF (SMD)	6.2 KOHM 1/10W J(2012)
R121-121C,122-122C,123-123C	34350120	RES. CF (SMD)	6.8 KOHM 1/10W J(2012)
124-124C,147-147C,148-148C		"	"
263,264,380-387,398,399,466,467		"	"
R241,242,265,344-347,392,393	34350125	RES. CF (SMD)	7.5 KOHM 1/10W J(2012)
R101-101C,102-102C,105-110,105A-110A	34350130	RES. CF (SMD)	10 KOHM 1/10W J(2012)
105B-110B,105C-110C,125-125C,126-126C		"	"
135-142,135A-142A,135B-142B,135C-142C		"	"
201-232,282-285,304-307,316-323,352-355		"	"
368-371,388,389,404,405,445,446,453,454		"	"
510,511,516,530		"	"
R149-149C,150-150C,151-151C	34350135	RES. CF (SMD)	15 KOHM 1/10W J(2012)
152-152C,165-165C,166-166C,243-246		"	"
R111-111C,112-112C,169-169C	34350140	RES. CF (SMD)	20 KOHM 1/10W J(2012)
170-170C,249,250,396,397,408		"	"
413,414,423-430,433,434,463		"	"
R145-145C,146-146C,259,260,286-289,	34350150	RES. CF (SMD)	30 KOHM 1/10W J(2012)
390,391,409,410,415,470-473,518		"	"

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Reference Designator	Ordering Number	Name and Description	
R247,248,255-258,266-269	34350160	RES. CF (SMD)	36 KOHM 1/10W J(2012)
278-281,394,395,462		"	"
R435,436	34350170	RES. CF (SMD)	47 KOHM 1/10W J(2012)
R143-143C,144-144C,261,262	34350180	RES. CF (SMD)	62 KOHM 1/10W J(2012)
R468,469	34350185	RES. CF (SMD)	75 KOHM 1/10W J(2012)
R364-367,400,417-422437,438,460,611	34350190	RES. CF (SMD)	100 KOHM 1/10W J(2012)
R129-129C,130-130C,167-167C,401	34350200	RES. CF (SMD)	200 KOHM 1/10W J(2012)
R314,315 **(VX-2442 ONLY)**	34350190	RES. CF (SMD)	100 KOHM 1/10W J(2012)
R314,315 **(VX-3242 ONLY)**	34350200	RES. CF (SMD)	200 KOHM 1/10W J(2012)
R127-127C,128-128C,610	34350210	RES. CF (SMD)	1 MOHM 1/10W J(2012)
R508,509	34350270	RES. CF (SMD)	130 KOHM 1/10W F(2012)
C352	34100051	CAP. ELE	1uF 50V
C333	34100060	CAP. ELE	2.2uF 50V
C109-109C,110-110C,121-121C,123-123C	34100067	CAP. ELE	47uF 25V
127-127C,128-128C,129-129C,130-130C		"	"
133-133C,134-134C,233-240,243,244,247		"	"
248,252,257-260,265-268,271,272,275-278		"	"
281,282,285,286,298-301,306-313,318-321		"	"
324-327,330,331,336,337,339,342,343,346		"	"
347,355,357,502,504,506,507		"	"
C601,602,605	34100069	CAP. ELE	100uF 25V
C115-115C,116-116C,122-122C,124-124C	34500019	CAP. MYALR	M123 100V J
C111-111C,112-112C,113-113C,114-114C	34500030	CAP. MYALR	M183 100V J
C117-117C,118-118C,119-119C,120-120C	34500020	CAP. MYALR	M333 100V J
C105-105C,106-106C,107-107C,108-108C	34360020	CAP. CERAMIC(SMD)	20pF 50V J
125-125C,126-126C,217-232,241,242		"	"
249,250,253-256,261-264,273,274,283		"	"
284,302-305,328,329,348,349,354,356		"	"
C251,294-297,334,335,338,340,341	34360030	CAP. CERAMIC(SMD)	47pF 50V J
C101-101C,102-102C,103-103C,104-104C	34360035	CAP. CERAMIC(SMD)	100pF 50V J
201-216,245,246,322,323,350,351		"	"
C131-131C,132-132C,269,270,279,	34360037	CAP. CERAMIC(SMD)	220pF 50V J
280,314-317,344,345		"	"
C353	34360100	CAP. CERAMIC(SMD)	470pF 50V J
C501,503,508	34360045	CAP. CERAMIC(SMD)	0.01uF 50V J
C135-135C,140,140A,141-141C,142-142C	34360050	CAP. CERAMIC(SMD)	0.1uF 50V J
143-143C,144-144C,332,401-409,412,414,		"	"
416,418,420,422,424,426,427,429,430		"	"
431,437-440,505,603,604,606		"	"
	39000010	JACK BNC	UG-1094/U (D/C)
	39100010	MIC	CMP-764

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Reference Designator	Ordering Number	Name and Description	
MASTER OUT JACK PCB	31500130	P.C.B	180X35X1.6T FR-4
IC230	00100020	I.C (SMD)	NJM 4560M SOP8
VR210	00400010	VR. ROTARY	EVU-F3A F25 G54(G50K C/C)
J213-216,225,226	32500007	JACK. PHONE	VPJ-06
J217,218,220	32500001	JACK. XLR	XLM-3PV-3
R308,309,324-327,447-450,476-481	34350020	RES. CF(SMD)	120 OHM 1/10W J(2012)
R328,329	34350050	RES. CF(SMD)	1.1 KOHM 1/10W J(2012)
R330-336	34350130	RES. CF(SMD)	10 KOHM 1/10W J(2012)
C287,289,291	34100067	CPA. ELE	47uF 25V
C288,290	34360020	CAP. CERAMIC(SMD)	20pF 50V J
C432,433	34360050	CAP. CERAMIC(SMD)	0.1uF 50V J
POWER PCB	31500140	P.C.B	141X58X1.6T FR-4
IC1	05100030	I.C	LM317
IC2	05100040	I.C	LM337
IC3	30000007	I.C	7805
Q1	33400011	TR. NPN	KTC2238A Y
D5-18	33600010	DIODE(R)	1N4002
D1-4	33600001	DIODE(R)	IN5402
ZD1	33600006	DIODE(Z)	1N4756(47V 1W)
R13,14	34600455	RES. CF	20 OHM 1/6W J
R5,6	34600465	RES. CF	130 OHM 1/6W J
R3,4	34600176	RES. CF	2.2 KOHM 1/6W J
R1,2	34600502	RES. CF	4.3 KOHM 1/6W J
R9	34600166	RES. CF	10 KOHM 1/6W J
R15	34600508	RES. CF	20 KOHM 1/6W J
R7,8	34600542	RES. CF	200 KOHM 1/6W J
C5,6	34100061	CAP. ELE	10uF50V
C16	34100067	CAP. ELE	47uF 25V
C12,13	34100064	CAP. ELE	47uF 50V
C9,10	34100069	CAP. ELE	100uF 25V
C11	34100024	CAP. ELE	470uF 63V
C1-4,14	34100027	CAP. ELE	2200uF 25V
C7,8,15	34200018	CAP. CERAMIC(AXIAL)	0.01uF 50V J
F1	38600010	FUSE BLOCK	GF-205B
		FUSE	5T 250V 500mA

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Reference Designator	Ordering Number	Name and Description	
CHASSIS			
VX-2442 ONLY		POWER TRANS	PT2442 TRANS
VX-3242 ONLY		POWER TRANS	PT3242 TRANS
	31600007	SW. ROCKER	JRC2101
	31600010	SW. SLIDE	JSS2202 B050
	30300010	AC INLET	0717-1-PS
120V		FUSE	51NM 250V 1A
220/230/240V		FUSE	5T 250V 500mA
UL OPTION	OPTION	POWER CORD	KKP-30A KKS 16A
CSA OPTION	OPTION	POWER CORD	KKP-30B KKS 16A
VDE/SFDN/KEMA/CHINA OPTION	OPTION	POWER CORD	KKP-4819D KKS 16A
SAA OPTION	OPTION	POWER CORD	KKP-550A KKS 16A
SWISS OPTION	OPTION	POWER CORD	LP37/LSB HO3VV-F3C/0.75mm 6FT
UK OPTION	OPTION	POWER CORD	UK PLUG/CONNECTOR
JIS OPTION	OPTION	POWER CORD	LP12/LSB SPT-22C/18AWG 6FT
KS OPTION	OPTION	POWER CORD	KKP-4819D SVT18 KKS16A
CN2,2A,102	38600037	SOCKET STRIP	SSS-254-04
CN1,1A,101	38600034	SOCKET STRIP	SSS-254-07
CN3,3A,4,4A,103,104	38600030	SOCKET STRIP	SSS-254-11
	38600043	HEADER	PHC03-180-04 (PITCH 6.5mm)
	38600046	HEADER	PHC03-180-07 (PITCH 6.5mm)
	38600048	HEADER	PHC03-180-11 (PITCH 6.5mm)
CN206	38600095	CONNECTOR(W)	GW-02
CN205	38600097	CONNECTOR(W)	GW-03
CN5-5C	38600100	CONNECTOR(W)	GW-04
CN204	38600118	CONNECTOR(W)	GA-06
CN203	38600125	CONNECTOR(W)	GA-10
CN202	38600090	CONNECTOR(W)	PHA05-254-05
CN201	38600091	CONNECTOR(W)	PHA05-254-06
CN504	38600300	CONNECTOR(W)	LPH03-02
CN502	38600320	CONNECTOR(W)	LPH03-05
CN503	38600330	CONNECTOR(W)	LPH03-06
CN501	38600340	CONNECTOR(W)	LPH03-07
	38600400	CONNECTOR(W)	LH03-05
	38600410	CONNECTOR(W)	LH03-06
	38600220	CONNECTOR(T)	GT01
	38600230	CONNECTOR(T)	GBT01
	38600231	CONNECTOR(T)	LCT03
	38600177	CONNECTOR(H)	GBH01-03
	38600180	CONNECTOR(H)	GBH01-04
	38600185	CONNECTOR(H)	GBH01-05
	38600200	CONNECTOR(H)	GBH01-08
	38600210	CONNECTOR(H)	GBH01-12
	38600135	CONNECTOR(H)	GH-02
	38600137	CONNECTOR(H)	GH-03
	38600140	CONNECTOR(H)	GH-04
	38600150	CONNECTOR(H)	GH-06
	38600165	CONNECTOR(H)	GH-10
	38600240	STRAIGHT HEADER	PH01-142-02
	38800010	REBBER BUSHING	19X24
	33500019	BUSHING	DIA 3